

ARTHUR C. SARGENT

Education: Stevens Institute of Technology, Hoboken, N.J. M.S. 1956. Major studies taken in the heat-power field with theoretical and design courses in gas and steam turbines. Attended graduate school and awarded degree while on active military duty.

Webb Institute of Naval Architecture, Glen Cove, N.Y. B.S. Naval Architecture and Marine Engineering 1953. Measurement of residual stress in structures was subject of senior year thesis.

Professional
Registration: Professional Engineer

Membership American Society of Naval Engineers
Professional Fluid Power Society
Organizations: Society of Naval Architects and Marine Engineers

Business
Experience:

1977 Sargent & Herkes, Inc., Naval Architects and Marine Engineers, President
to
Present

1965 Breit & Garcia Naval Architects, New Orleans, Louisiana, Naval Architect
to and Project Manager,
1977 Development of conceptual plans, preliminary arrangement, structural, piping, and electrical plans, writing of specifications, submittal of plans and specifications to owners, regulatory bodies and classification societies for review and approval. Responsible for design, stability and weight studies of oceanographic and seismographic vessels, large ocean barges, tugs and tug conversions, tankers, offshore supply boats, liquefied natural gas (LNG) carriers, towboats and other inland craft, and passenger vessels. Investigations of unusual and novel marine engineering projects, such as low temperature transportation of chemicals, handling of waste materials and hazardous commodities. Performing feasibility studies and economic analyses of water transportation systems. Development and submittal of technical proposals, including those to State and Federal Departments. Contract negotiations with clients and shipyards. Supervision of inspectors in shipyards. Approvals of contractors' detailed working drawings. Testified as expert witness in Federal Courts. Hiring of technical personnel.

1957 U.S. Salvage Association, Inc., New York, N.Y., a corporation which
to provides engineering and survey services to marine underwriters.
1965 Employed as a surveyor reporting to the Vice President - Technical and
Research. Attended surveys on ships, barges, tugs, etc., where the
condition and evaluation or extent, cause and reasonable cost of damage
repairs were developed, after which reports were prepared for
underwriters. Price negotiating with ship owners and contractors. Met with
top management of new companies entering marine insurance market,
discussing with them their approach to ship maintenance, repair and certain
aspects of operation. Advised underwriters continually on the evaluation of
risk of radioactive cargoes. Since 1958 followed the progress of the N.S.
SAVANNAH, beginning with temporary assignment for one year to the
Babcock & Wilcox Co., Atomic Energy Division, at Lynchburg, Va.,
where machinery design of the SAVANNAH, including the development
and testing of the nuclear reactor, was studied. During constructional phase
of the SAVANNAH, monthly trips to New York Shipbuilding Corporation,
Camden, N.J. were made for the purpose of becoming thoroughly familiar
with the vessel. Reported to underwriters on the design, construction and
operation of the H.S. DENISON and other hydrofoil projects. Developed
statistical information for a U.S. Maritime Administration study of type
damages sustained by ships.

Military During the summer of 1951 and 1952 attended the U.S.N. Reserve Officer
Service: Candidate School at San Francisco and Long Beach, California.
After graduation from college, commissioned, but did not go into active
duty until 1954, at which time assigned to the U.S.N. School (Ship
Salvage), Bayonne, N.J. as instructor in naval architecture to officer class.
Held position of Training Officer and Acting-Executive Officer. At the end
of two years eligible for discharge, but extended for one year's duty aboard
a destroyer tender in the Mediterranean, acting as Personnel Officer and
qualifying as deck watch officer. Left military service in 1957 with rank of
Lieutenant and was employed by U.S. Salvage Association, Inc.

Interim
Employment:

1953 After graduation from college in 1953, employed by the United Fruit
to Company in New York in the Shipbuilding Department.
1954 Assisted in the approval of plans and preparation of specifications for new
ship construction. Temporarily assigned to maintenance and repair
department, attending vessels in Baltimore shipyard. Called to active
military service after one year with company.